

**WHAT IS CLAIMED IS:**

1. A vehicle-used blue-tooth hand free structure having a machine body; the machine body comprising:
  - 5 an upper cover;
  - a circuit board located below the upper cover and installed with a power seat, an earphone receptacle; a receiving and transmitting switch; a closing switch, a power switch, a light emitting diode unit, a volume control button and a blue tooth device;
- 10 a lower cover installed below the circuit board; a rear end of the lower cover being installed with a charging battery and a receiving groove being formed in the lower cover; a lower side of the receiving groove being installed with a battery cover; a microphone being installed at a front end of the lower cover; the microphone being electrically connected to the circuit board; thereby, the charging battery being electrically connected to the circuit board; when the power seat of the circuit board being connected to an external power source, the charging battery will charge an object.
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- 20 2. The vehicle-used blue-tooth hand free structure for a handset as claimed in claim 1, wherein the upper cover further comprises:
  - a blue tooth button installed at a top of the upper cover for setting a code corresponding to that of a handset so as to have the same frequency to communicate with the handset as the blue tooth button is pressed; and
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- 30 a receiving button installed at the top of the upper cover for receiving speech signals as the receiving button is pushed; a trumpet being installed at a lower side of the upper cover; the trumpet being electrically connected to the circuit board for generating audio signals; a call incoming display being installed connected the blue tooth button and the receiving button for displaying as signals are received;

wherein when the upper cover and lower cover are engaged, the blue tooth button is arranged corresponding to the receiving and transmitting switch and the receiving button is arranged corresponding to the closing switch.

- 5        3. The vehicle-used blue-tooth hand free structure for a handset as claimed in claim 1, wherein the power seat is installed at a right side of the machine body; the power seat provides a joint; one end of the joint is connected to the charging battery so as to charge an object; another end of the joint is connected to one of a various plugs  
10      for charging different objects.